



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Board-to-Board**

Number of Positions: **266**

Centerline (Pitch): **.64 mm [ .025 in ]**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	133
Number of Signal Positions	266
Number of Power Positions	7
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	266

Electrical Characteristics



Operating Voltage	7 VDC
Impedance	266 $\Omega$
Insulation Resistance	2 M $\Omega$
Dielectric Withstanding Voltage (Max)	500 VAC

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 $\mu\text{m}$ [149.9997 – 249.9995 $\mu\text{in}$ ]
Contact Shape & Form	Dual Beam
Contact Layout	Inline
	.037 in
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Tab
Contact Current Rating (Max)	11.5 A

Termination Features

Rectangular Termination Post & Tail Width	.54 mm[.021 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention	Without
Mating Alignment Type	Polarized
PCB Mount Retention Type	Locating Post
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With



Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Top
Housing Material	Matte
Centerline (Pitch)	.64 mm[.025 in]

Dimensions

Stack Height	6.6 mm, 15.62 mm[.615 in]
Connector Width	5.28 mm[.208 in]
Connector Height	6.38 mm[.257 in]
Connector Length	101.6 mm[4 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Listed
Compatible With Approved Standards Products	CSA 1195944, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	5
Packaging Method	Box, Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241)



Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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Product Compliance Disclaimer

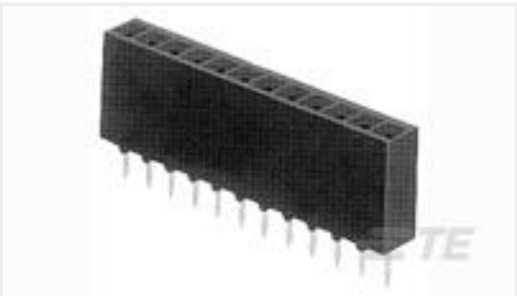
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

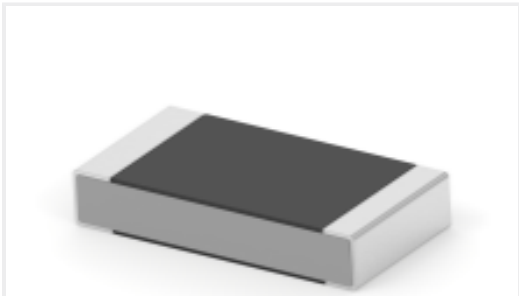
 TE Part # 5767130-7 MICT,RCPT,266,ASY,GOLD,EXTD	 TE Part # 5767089-7 MICTOR,R/A,RECPT,.093,266,ASY	 TE Part # 5767095-7 MICT,REC,EXT,266,ASY,PDNI,025	 TE Part # 2-5767004-8 MICTOR RECEPT ASSY, 266 POS.
 TE Part # 5767143-7 MICT,R/A,RCPT,266,ASY,062,30AU	 TE Part # 5767094-7 MICT,RECPT,266,ASY,PDNI,EXTD	 TE Part # 5767081-7 MICT,REC,266,ASY,PDNI,BARBLESS	

Customers Also Bought

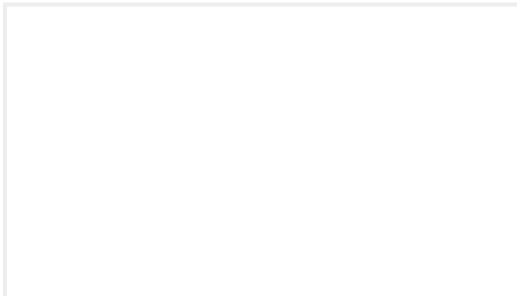





TE Part #3-87879-8  
MOD VRT 100CL/135TN/5 POS




TE Part #1-1614975-3  
RN 1206 4K99 0.1% 10PPM CUT LENGTH




TE Part #EC9855-000  
ZHD-SCE-1K-6.4-50-S1-4



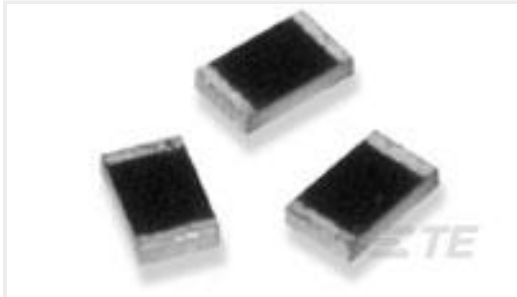
TE Part #1658198-1  
70 POSN,0.8MM PITCH, SURFACE T



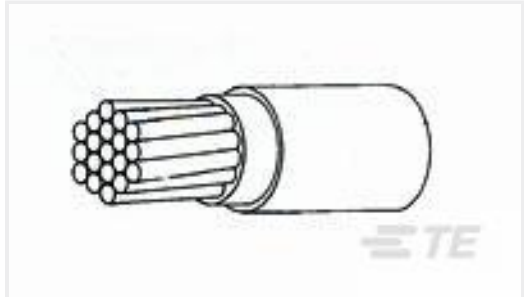
TE Part #5406216-2  
MJ,R/A,8P,PNL GRDS,.10"STCAT4



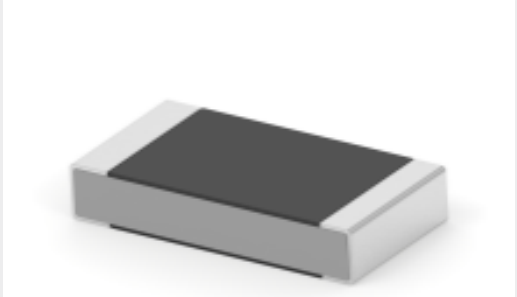
TE Part #1-1623775-2  
MPC10 500R 5%



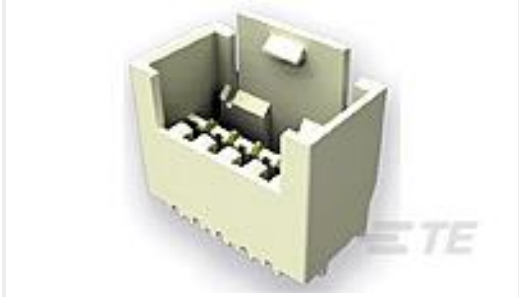
TE Part #2-1879266-2  
RP 2B 365K 0.1% 15PPM CUT LENGTH



TE Part #265100-002  
44A0811-8-0



TE Part #1-1614975-4  
RN 1206 12K4 0.1% 10PPM CUT LENGTH



TE Part #1-1971818-4  
14P,RAST 2.5 Tab Header,Ex- Locking, THV

Documents

Product Drawings  
MICT,260PLUG,266,ASSY,.025,REC  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-5767007-4\_C.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-5767007-4\_C.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-5767007-4\_C.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



[MICTOR Interconnection System](#)

English

[Fine Pitch Stacking Connectors - 0.635mm MICTOR Connectors](#)

English

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[Product Specifications](#)

[Application Specification](#)

English